

S&S FLM Fuel Leak Monitoring



Product Overview:

The S&S FLM system is the S&S Middle East permanent fuel leak detection system, tailored for use in applications such as fuel storage tanks, oil refineries, transportation fleets, aircraft fueling systems, and power generation plants. The S&S FLM can function as a standalone unit or be integrated into a larger multi-zone detection network. It comes with a clear LED status display, providing real-time monitoring for hydrocarbon fuel leaks, ensuring safety and compliance in projects involving fuel handling, storage, and transport systems.

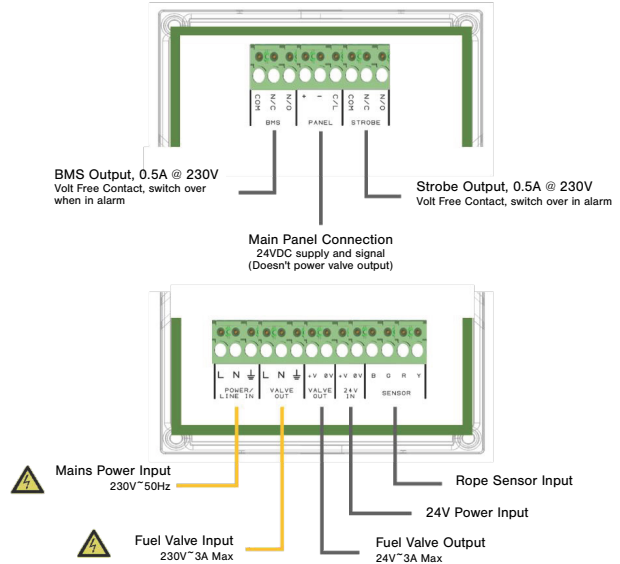
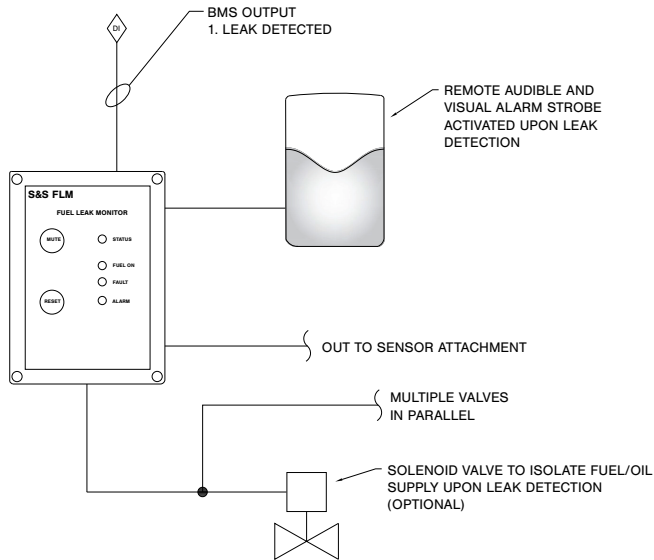
Key Features:

- Electronic Valve Control
- BMS Communications
- Strobe Alarm Outputs
- Control Panel Connectivity
- 230V or 24V Input

Technical Specifications

General	
Size (W x H x D)	151 x 111 x 50mm
Weight	320g
User Interface	
Visual Indicators	LED: Water On / Fault / Alarm
Audible Buzzer	>60dB @ 3.28ft. Quiet conditions.
Buttons	Mute / Reset
Power Supply	
Power Consumption	1.2W Max
Power Input #1	100-240V~ 50-60Hz
Power Input #2	12-24V AC or DC
Internal Fuse	Anti-Surge 3.15A @ 250Vac
Relays	
Valve	3A @ 240V~
BMS	0.5A @ 240V~
Strobe	0.5A @ 240V~
Compliance	
Electrical Safety	IEC 61010-1

Controller Capabilities



Attachments

Part Number	Length (m)	Description
FLMC1	1	1m Sensing Cable w/ 2m Lead Wire
FLMC5	5	5m Sensing Cable w/ 2m Lead Wire
FLMC10	10	10m Sensing Cable w/ 2m Lead Wire
FLMC15	15	15m Sensing Cable w/ 2m Lead Wire
FLMC20	20	20m Sensing Cable w/ 2m Lead Wire
FLMCxx	xx	Custom Pre-Defined Length

Reaction Times

Please note that this product is specifically designed to detect these fuels, however, it is slow in response time and must be discarded and replaced after being in contact with fuel. There is an outer sleeve which shrinks when exposed to the fuel and this sleeve changes the resistance between the sensing wires. This is the reason for one time use and slow response time.

Gasoline	12 Minutes
#1 Diesel Fuel	60 Minutes
#2 Diesel Fuel	120 Minutes
JP5 Jet Propellant	70 Minutes
Jet-A Jet Propellant	50 Minutes
Xylen	20 Minutes